

ABSTRACT

An apparatus is described comprising: a decode unit which receives an encoded interlaced video signal including encoded interframe motion compensation data, and responsively transmits a decoded interlaced video signal and associated interframe motion compensation data; and a de-interlace unit which converts the interlaced video signal to a progressive video signal, and which, responsive to the interframe motion compensation data, selects a region of the interlaced video signal for a different type of conversion, the selection based on the change in position of the region between successive video frames.